

NOC:MobiMOOC (Audio Course in Hindi) - Web course

COURSE OUTLINE

Course content encompasses Kharif & Rabi season crops, and gives a detailed description of the general practices for the maintenance of crops. The course has been designed on the basis of class 11& 12 syllabus for agriculture subject of U P Board.

Week 1.

a. Crops and their classification

Definition of crop, classification of crops

b. Importance of Vegetable

Importance of vegetables and their classification

c. Irrigation management

System of irrigation, method of irrigation and critical period of water requirement .

d. Principle of crop rotation

Crop rotation, concept of crop rotation and crop rotation followed in different tracts of Uttar Pradesh.

Week 2.

a. Cereal crop production practices

Paddy, Sorghum, Pearl millet and Maize crop production.

i. Paddy crop production

Paddy crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

ii. Sorghum crop production

Sorghum crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iii. Pearl millet crop production

Pearl millet crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iv. Maize crop production crop production

Maize crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

Week 3.

b. Pulses crops production practices

Pigeon pea, Green gram, Black gram and Cowpea crop production.

i. Pigeon pea crop production

Pigeon pea crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

ii. Green gram crop production

Green gram crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iii. Black gram crop production

Black gram crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iv. Cow pea crop production crop production

Cow pea crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

Week 4.



NP-TEL

NPTEL

<http://nptel.ac.in>

Agriculture

Pre-requisites:

None

Hyperlinks:

<http://www.agmoocs.in/courses>

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c. Oilseed crops production practices

Groundnut, Sesame, Soybean and Sunflower crop production.

i. Groundnut crop production

Groundnut crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

ii. Sesame gram crop production

Sesame crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iii. Soybean crop production

Soybean crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iv. Sunflower crop production crop production

Sunflower crop variety, field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

Week 5.

d. Fruit crops production practices

Mango, Guava, Banana and Papaya crop production.

i. Mango crop production

Mango crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

ii. Guava crop production

Guava crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iii. Banana crop production

Banana crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iv. Papaya crop production crop production

Papaya crop variety field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

Week 6.

e. Vegetable crops production practices

Tomato, Brinjal, Chilli and Okra crop production.

i. Tomato crop production

Tomato crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

ii. Brinjal crop production

Brinjal crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iii. Chilli crop production

Chilli crop variety, field preparation, seed and sowing/transplanting, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

iv. Okra crop production crop production

Okra crop variety field preparation, seed and sowing, manure and fertilizer, irrigation, weed control, disease control, insect control, harvesting and yield.

COURSE DETAIL

S. No.	Crop Groups	Name of the topic
1.		Irrigation and irrigation needs
		Source of Irrigation

		Importance of crops and classification	
		Crop rotation principle	
		Importance of vegetable and classification	
2.	Cereal crop	Paddy crop production	
		Sorghum crop production	
		Pearl millet crop production	
		Maize crop production	
4.	Pulses crop	Pigeon pea crop production	
		Green gram crop production	
		Black gram crop production	
		Cowpea crop production	
4.	Oilseed crop	Groundnut crop production	
		Sesame crop production	
		Soybean crop production	
		Sunflower crop production	
5.	Fruit crop	Mango crop production	
		Guava crop production	
		Banana crop production	
		Papaya crop production	
6.	Vegetable crop	Tomato crop production	
		Brinjal crop production	

	Chili crop production
	Okra crop production

References:

The content of the course has been taken from the book "Intermediate Agronomy part I and Intermediate Agronomy part II ", which has been published by the Bharat Bharti Publication & Company, Meerut, Uttar Pradesh, India? Handbook of Agriculture and Handbook of Horticulture published by ICAR, New Delhi ; Krishi Gyan Manjush, Kharif Faslo ki Saghan Paddhatiya, Rabi Faslo ki Saghan Paddhatiya and Zaid Faslo ki Saghan Paddhatiya published by UP.Agriculture Department.